Amendments to the Claims

Please amend claims 1, 5-12, and 14-15. Please cancel claims 16-19. Please add new claims 20-27. The currently pending claims after amendment are listed below.

1	1.	(Currently Amended) A digital camera, comprising:
2		a housing;
3		a digital optical sensing apparatus mounted within said housing, said digital optical sensing
4	appa	aratus sensing optical images;
5		a storage medium for storing digital optical images captured by said digital optical sensing
6	appa	aratus;
7		an acoustic sensor capable of sensing human speech;
8		a speech reduction apparatus coupled to said acoustic sensor, said speech reduction
9	appa	aratus converting human speech sensed by said acoustic sensor to a symbolic text form; and
10		a controller which stores said symbolic text form in said storage medium in a relationship
11	asso	ciated with a captured digital image, wherein said controller:
12		(a) receives a user indication of a plurality of discrete time intervals;
13		(b) records a plurality of discrete human speech segments sensed by said acoustic
14		sensor in respective said discrete time intervals;
15		(c) causes said speech reduction apparatus to convert each said human speech
16		segment to a corresponding symbolic text segment; and
17		(d) automatically associates a respective digital optical image captured by said digital
18		optical sensing apparatus with each said symbolic text segment based on a temporal
19		relationship between the time interval in which the discrete human speech segment
20		corresponding to the symbolic text segment was recorded and the capturing of said digital
21		optical image.

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- 1 2. (Original) The digital camera of claim 1, wherein said controller comprises a
- 2 programmable processor executing a control program for controlling the operation of said digital
- 3 camera.
- 1 3. (Original) The digital camera of claim 2, wherein said speech reduction apparatus
- 2 comprises a speech reduction algorithm embodied as a plurality of instructions executable on said
- 3 programmable processor.
- 1 4. (Original) The digital camera of claim 1, wherein said speech reduction apparatus
- 2 converts said human speech sensed by said acoustic sensor to an intermediate symbolic form
- 3 comprising a symbolic representation of phonemes, said intermediate symbolic form being
- 4 subsequently reduced to natural language text by a separate apparatus.

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1	5.	(Currently Amended) A method of operating a digital camera, comprising the steps of:
2		capturing a <u>plurality of digital image</u> <u>images</u> of <u>an object respective objects</u> of interest with
3	optica	l sensing apparatus of said digital camera;
4		recording a plurality of discrete segments of human speech of a user in said digital camera
5	during	g a plurality of respective discrete time intervals, said recording step being performed each
6	respec	ctive discrete time interval occurring substantially contemporaneously with said step of

capturing a of each respective digital image of said plurality of digital images;

rendering <u>each</u> said <u>segment of said plurality of discrete segments of</u> human speech in a <u>respective corresponding segment of</u> symbolic text form using speech reduction apparatus within said digital camera; and

automatically associating each respective digital image of said plurality of digital images with a respective corresponding segment of symbolic text rendered from a respective corresponding segment of human speech based on a temporal relationship between the respective discrete time interval during which the corresponding segment of human speed was recorded and the capturing of the respective digital image, and storing each said symbolic text form segment in a relationship associated with each respective said captured digital image.

6. (Currently Amended) The method of operating a digital camera of claim 5, wherein said step of rendering each said segment of said plurality of discrete segments of human speech in a respective corresponding segment of symbolic text form converts said human speech to an intermediate symbolic form comprising a symbolic representation of phonemes, said intermediate symbolic form being subsequently reduced to natural language text by an apparatus separate from said digital camera.

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- 7. (Currently Amended) The method of operating a digital camera of claim 5, wherein said
- 2 step of rendering each said segment of said plurality of discrete segments of human speech in a
- 3 respective corresponding segment of symbolic text form is performed by a programmable
- 4 processor executing a speech reduction program.
- 8. (Currently Amended) The method of operating a digital camera of claim 7, wherein said
- 2 programmable processor further executes a control program for controlling the operation of said
- digital camera, and said step of rendering each said segment of said plurality of discrete segments
- 4 of human speech in a <u>respective corresponding segment of</u> symbolic text form is performed by
- said programmable processor in the background when said control program is otherwise
- 6 unoccupied.

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9. (Currently Amended) A program product for controlling the operation of a digital camera, said program product comprising a plurality of processor executable instructions recorded on signal-bearing media, wherein said instructions, when executed by at least one programmable processor within said digital camera, cause the camera to perform the steps of:

capturing a <u>plurality of digital image images</u> of <u>an object respective objects</u> of interest with optical sensing apparatus of said digital camera;

recording a plurality of discrete segments of human speech of a user in said digital camera during a plurality of respective discrete time intervals, said recording step being performed each respective discrete time interval occurring substantially contemporaneously with said step of capturing a of each respective digital image of said plurality of digital images;

rendering <u>each</u> said <u>segment of said plurality of discrete segments of</u> human speech in a <u>respective corresponding segment of</u> symbolic text form using speech reduction apparatus within said digital camera; and

associating each respective digital image of said plurality of digital images with a respective corresponding segment of symbolic text rendered from a respective corresponding segment of human speech based on a temporal relationship between the respective discrete time interval during which the corresponding segment of human speech was recorded and the capturing of the respective digital image, and storing each said symbolic text form segment in a relationship associated with each respective said captured digital image.

10. (Currently Amended) The program product for controlling the operation of a digital camera of claim 9, wherein said step of rendering <u>each</u> said <u>segment of said plurality of discrete segments of</u> human speech in a <u>respective corresponding segment of</u> symbolic text <u>form</u> converts said human speech to an intermediate symbolic form comprising a symbolic representation of phonemes, said intermediate symbolic form being subsequently reduced to natural language text by an apparatus separate from said digital camera.

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1	11. (Currently Amended) A method of recording information with digital images, comprising
2	the steps of:
3	capturing at least one a plurality of digital image images of a respective object objects of
4	interest with optical sensing apparatus of a digital camera;
5	recording at least one segment a plurality of discrete segments of human speech of a user in
6	said digital camera, each segment corresponding to a respective digital image, said recording step
7	being performed during a plurality of respective discrete time intervals occurring substantially
8	contemporaneously with said step of capturing the of each respective digital image of said
9	plurality of digital images;
10	rendering each said at least one segment of said plurality of discrete segments of human
11	speech into at least one a respective corresponding segment of symbolic text form using speech
12	reduction apparatus within said digital camera;
13	automatically associating each respective digital image of said plurality of digital images
14	with a respective corresponding segment of symbolic text rendered from a respective
15	corresponding segment of human speech based on a temporal relationship between the respective
16	discrete time interval during which the corresponding segment of human speech was recorded and
17	the capturing of the respective digital image, and recording said association in a memory of said
18	digital camera;
19	uploading said at least one digital image and said at least one segment of symbolic text to a
20	digital image formatting apparatus; and
21	formatting said at least one plurality of digital image images and said at least one plurality
22	of segment segments of symbolic text for viewing by a user using said digital image formatting

apparatus, wherein each said segment of symbolic text is formatted for viewing in a human

readable form associated with its corresponding digital image.

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- 1 12. (Currently Amended) The method of recording information with digital images of claim
- 2 11, wherein said step of rendering each said at least one segment of said plurality of discrete
- 3 segments of human speech in a <u>respective corresponding segment of</u> symbolic text form converts
- 4 said human speech to an intermediate symbolic form comprising a symbolic representation of
- 5 phonemes, and wherein said step of formatting said at least one plurality of digital image images
- and said at least one segment plurality of segments of symbolic text for viewing comprises
- 7 reducing said intermediate symbolic form to natural language text.
- 1 13. (Original) The method of recording information with digital images of claim 11, wherein
- 2 said digital image formatting apparatus is a general-purpose digital computer executing a digital
- 3 image formatting program.
- 1 14. (Currently Amended) The method of recording information with digital images of claim
- 2 11, wherein said step of formatting said at least one plurality of digital image images and said at
- 3 least one segment plurality of segments of symbolic text comprises formatting for output on
- 4 paper, wherein formatted text is printed on paper with a corresponding digital image.
- 1 15. (Currently Amended) The method of recording information with digital images of claim
- 2 11, wherein said step of formatting said at least one plurality of digital image images and said at
- 3 least one segment plurality of segments of symbolic text comprises formatting for viewing from
- an output screen of a digital device, wherein formatted text is displayed on said output screen
- 5 with a corresponding digital image.

16-19. (Cancelled)

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- 20. (New) The digital camera of claim 1, wherein said controller associates a respective digital image with each symbolic text segment according to at least one of the following association priorities:
- (1) if a first digital image is captured during the recording of a human speech segment corresponding to the symbolic text segment, the symbolic text segment is associated with the first digital image;
- (2) if no digital image is captured from a time the digital camera is powered on until the end of the recoding of the human speech segment corresponding to the symbolic text segment, and a second digital image is captured after recording the human speech segment but before the digital camera is powered off, then the symbolic text segment is associated with the second digital image; and
- (3) in all other cases, the symbolic text is associated with the digital image most recently captured before the recording of the human speech segment corresponding to the symbolic text segment.
- 21. (New) The digital camera of claim 20, wherein said controller associates a respective digital image with each symbolic text segment according to all of said association priorities.

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- 22. (New) The method of claim 5, wherein said step of automatically associating each respective digital image of said plurality of digital images with a respective corresponding segment of symbolic text comprises automatically associating according to at least one of the following association priorities:
- (1) if a first digital image is captured during the recording of a human speech segment corresponding to the symbolic text segment, the symbolic text segment is associated with the first digital image;
- (2) if no digital image is captured from a time the digital camera is powered on until the end of the recoding of the human speech segment corresponding to the symbolic text segment, and a second digital image is captured after recording the human speech segment but before the digital camera is powered off, then the symbolic text segment is associated with the second digital image; and
- (3) in all other cases, the symbolic text is associated with the digital image most recently captured before the recording of the human speech segment corresponding to the symbolic text segment.
- 1 23. (New) The method of claim 22, wherein said step of automatically associating each
 2 respective digital image of said plurality of digital images with a respective corresponding
 3 segment of symbolic text comprises automatically associating according to all of said association
 4 priorities.

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- 24. (New) The program product of claim 9, wherein said step of associating each respective digital image of said plurality of digital images with a respective corresponding segment of symbolic text comprises associating according to at least one of the following priorities:
 - (1) if a first digital image is captured during the recording of a human speech segment corresponding to the symbolic text segment, the symbolic text segment is associated with the first digital image;
 - (2) if no digital image is captured from a time the digital camera is powered on until the end of the recoding of the human speech segment corresponding to the symbolic text segment, and a second digital image is captured after recording the human speech segment but before the digital camera is powered off, then the symbolic text segment is associated with the second digital image; and
 - (3) in all other cases, the symbolic text is associated with the digital image most recently captured before the recording of the human speech segment corresponding to the symbolic text segment.
- 25. (New) The program product of claim 24, wherein said step of associating each respective digital image of said plurality of digital images with a respective corresponding segment of symbolic text comprises associating according to all of said association priorities.

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- 26. (New) The method of claim 11, wherein said step of automatically associating each respective digital image of said plurality of digital images with a respective corresponding segment of symbolic text comprises automatically associating according to at least one of the following priorities:
- (1) if a first digital image is captured during the recording of a human speech segment corresponding to the symbolic text segment, the symbolic text segment is associated with the first digital image;
- (2) if no digital image is captured from a time the digital camera is powered on until the end of the recoding of the human speech segment corresponding to the symbolic text segment, and a second digital image is captured after recording the human speech segment but before the digital camera is powered off, then the symbolic text segment is associated with the second digital image; and
- (3) in all other cases, the symbolic text is associated with the digital image most recently captured before the recording of the human speech segment corresponding to the symbolic text segment.
- 27. (New) The method of claim 26, wherein said step of automatically associating each respective digital image of said plurality of digital images with a respective corresponding segment of symbolic text comprises automatically associating according to all of said association priorities.

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